

TITLE OF THE INVENTION
SYNTHETIC HUMAN PAPILLOMAVIRUS GENES

ABSTRACT OF THE DISCLOSURE

5 Synthetic DNA molecules encoding papillomavirus proteins are
provided. The codons of the synthetic molecules are codons preferred by the
projected host cell. The synthetic molecules may be used as a polynucleotide vaccine
which provides effective immunoprophylaxis against papillomavirus infection
through stimulation of neutralizing antibody and cell-mediated immunity.

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